



281 U.S. PTO

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Figure 3 A

poly(amic acid) having molecular weight of 1000

HanoScope

Scan size

Setpoint

Scan rate

Number of samples

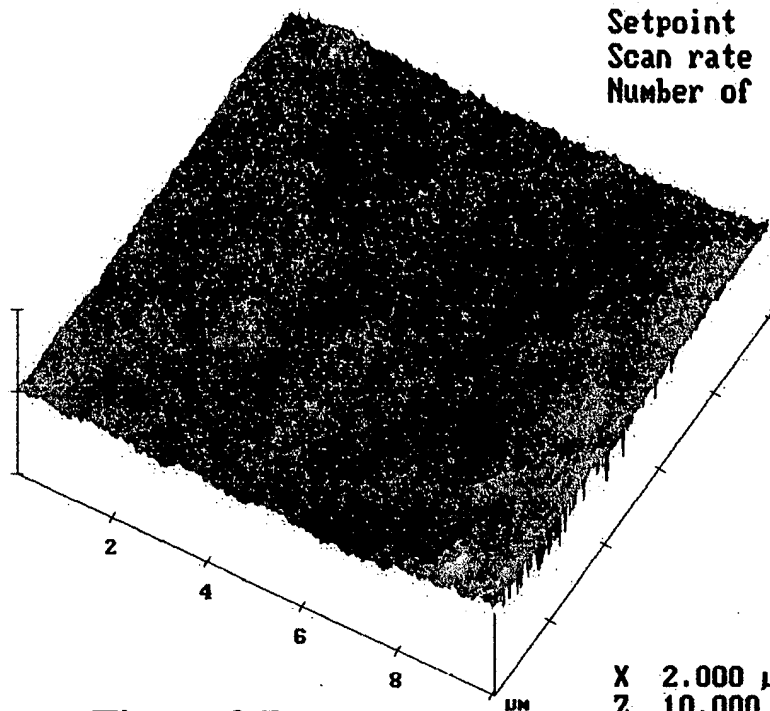
Tapping AFM

10.00 μm

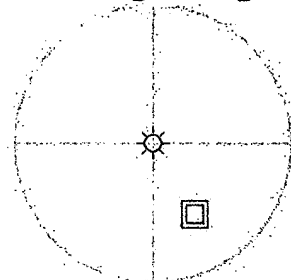
0.6629 V

1.001 Hz

256



view angle
light angle



X 2.000 $\mu\text{m}/\text{div}$
Z 10.000 nm/div

0 deg

Figure 3 B

poly(amic acid) having molecular weight of 5000

Digital Instruments NanoScope

Scan size

5.000 μm

Scan rate

1.001 Hz

Number of samples

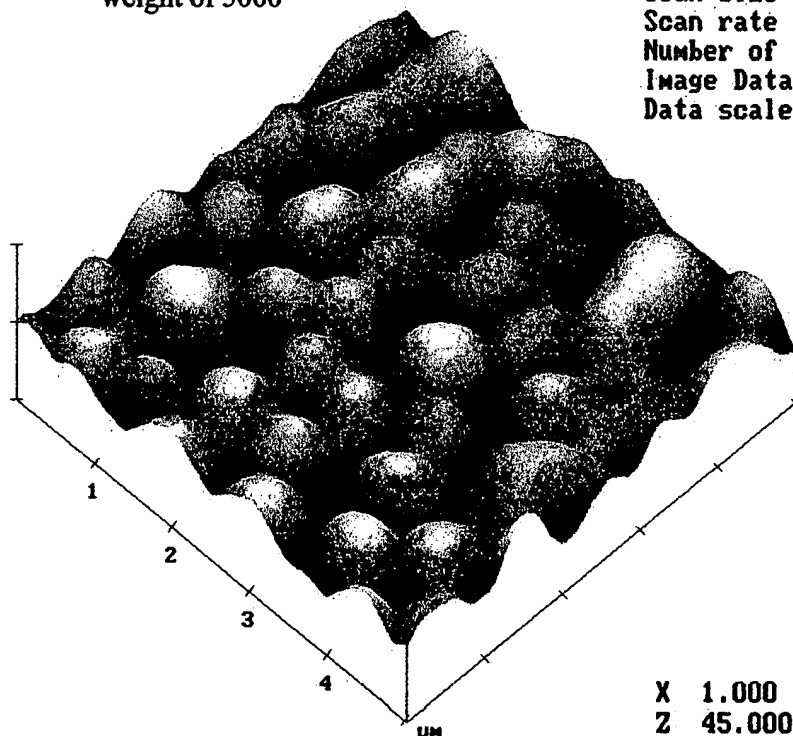
256

Image Data

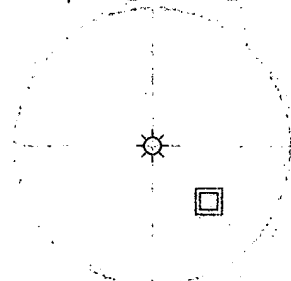
Height

Data scale

45.00 nm



view angle
light angle

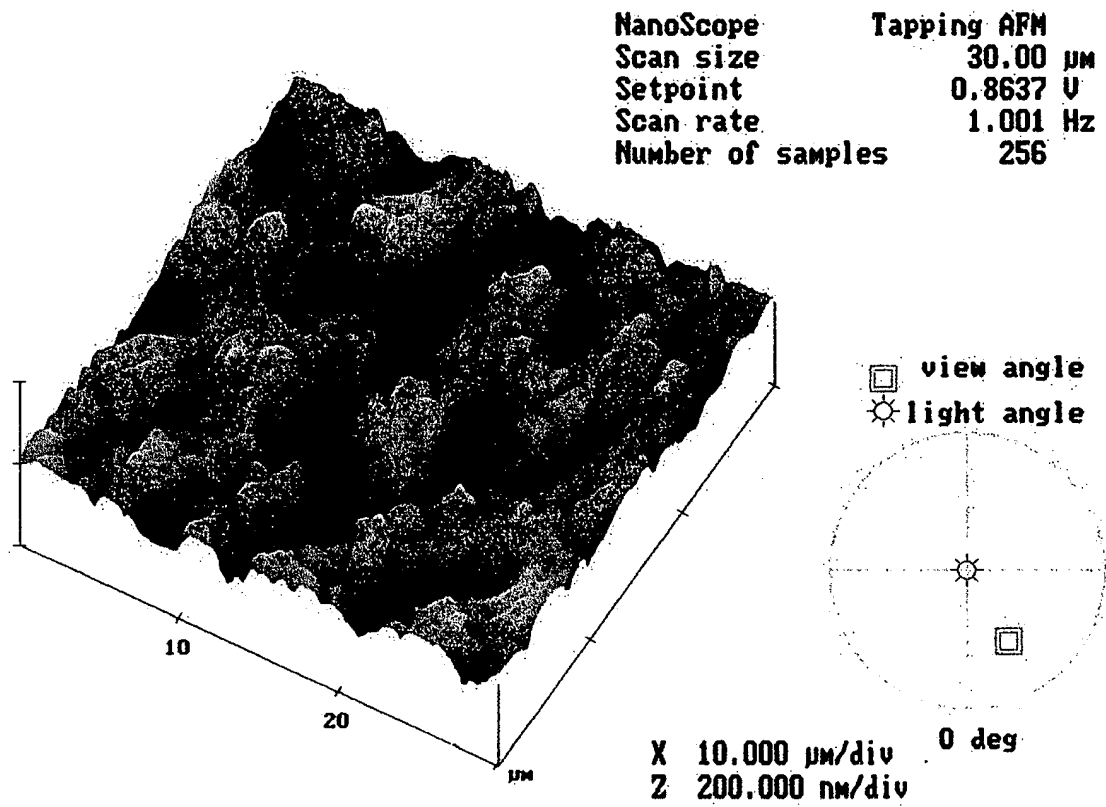


X 1.000 $\mu\text{m}/\text{div}$
Z 45.000 nm/div

0 deg

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Figure 3 C
poly(amic acid) having molecular
weight of 1000 without addition
of coupling agent



REPLACEMENT SHEET

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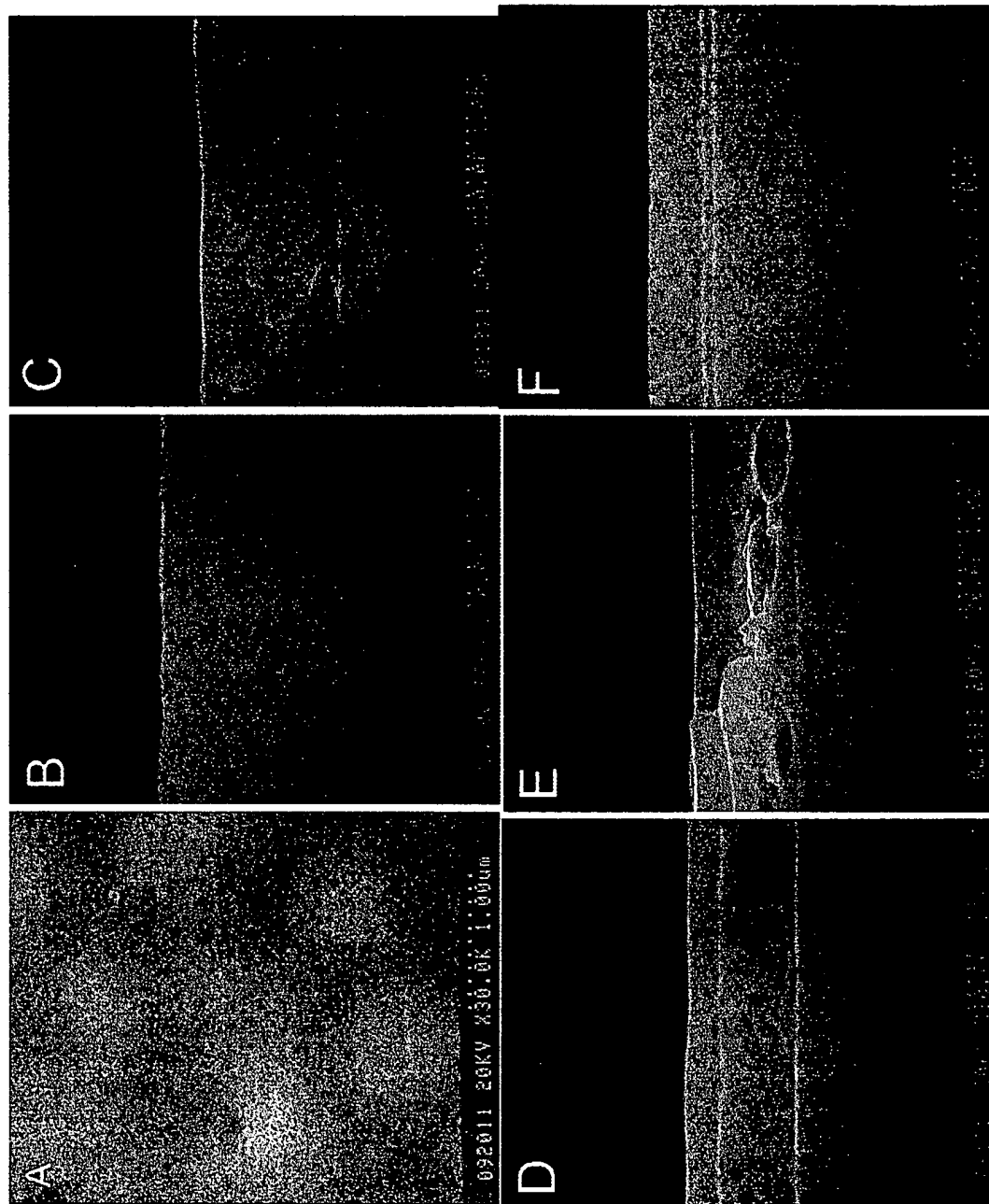


Figure 5